PHIN Message Quality Framework (MQF)
Release Notes

Release 3.0

Version 1.0

October 20, 2014

Version History

Version #	Implemented By	Revision Date	Approved By	Approval Date	Reason
1.0	PHIN MQF Team	10/20/2014			Initial edit for release 3.0

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INTRODUCTION

OBJECTIVE

The purpose of this document is to communicate the contents of the MQF Release 3.0 including any changes and/or additions that have been introduced. Content in this document includes the Scope of the Release, and any enhancements/defects that were included in this release. The intended audience of this document is end users.

SYSTEM OVERVIEW

As a Web application, the Message Quality Framework (MQF) is a flexible framework of services and utilities designed to assist public health partners with preparing and communicating quality standard electronic messages as defined by the applicable messaging, vocabulary, and programmatic standards.

The PHIN Message Quality Framework (MQF) application is designed to accompany and to assist other CDC Public Health systems and partners in promoting the use of data and information system standards to advance the development of efficient, integrated, and interoperable surveillance systems at federal, state and local levels.

PHIN MQF supports single message validation and does not support batch processing of messaging at this time. This functionality will be evaluated for a future release.

RELEASE 3.0 OVERVIEW

RELEASE SCOPE

The application was upgraded with new servers of Rhapsody 5.4.1 and was compiled using .NET 4.5 Framework. This is a Technology refresh for MQF. There was no functional change.

CONFIGURATION NOTES

1. Messages submitted to PHIN MQF release should not exceed 500 KB. Submitting messages exceeding 500 KB produce the following error: "Messages cannot exceed 500 KB."

2. The PHIN MQF timeout is two hours.

3. MQF fails when # is included in '^~\&#' in MSH-2. Thus, # should not be included.

4. Currently MQF validating against field length and not component's/subcomponents length. Within the specification document the sum of the component/subcomponent lengths do not equate to the length of the field level. Therefore, MQF should be validating lengths at the lowest possible level and not at the highest/field level.   E.g. OBX-8 fails because the specified length for OBX-8 is 20 while OBX-8.2 alone has an allowed length of 199. Thus when OBX-8.2 is completed and has a length >20 it is abiding by the implementation rules for OBX-8.2 but this violates the implementation rule for OBX-8 overall.

5. For Vocabulary validation, some fields are currently not being validated.